Snow Lighting

Snow Frost Q12 Wash mkII



Manufacturer	**Snow Lighting**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**13, 14, 16, 22 channels**
Beam angle	**4.5-36°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**250 × 200 × 250 mm**
GDTF fixture type	**62DC7A70-86C2-47B4-BA84-3B…**

Controls

Zoom · CMY colour mixing · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Movement speed

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

HSIC	13 ch
Pixel	13 ch
Person1	14 ch
CMY	16 ch
Person2	22 ch

HSIC

13 channels

Ch	Function	Default	DMX values
1	Pan	255	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	255	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	0–254 Closed 255–255 Open
7	H SBHue	255	0–127 Min 128–254 Mid 255–255 Max
8	H SBHue Fine	255	Fine byte of H SBHue
9	H SBSaturation	255	0–254 Open White 255–255 Full Color
10	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K
11	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
12	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
13	Control1	0	0–10 Open 11–20 P/T Black On 21–60 P/T Black Off 61–70 Live 71–80 Studio 81–100 Power 101–110 Dimmer Off 111–150 Dimmer Dim4 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 Zoom Reset 221–255 Reserved

Pixel

13 channels

Ch	Function	Default	DMX values
1	Pan	255	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	255	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	0	0–9 Open 10–59 Strobe 60–109 Open 110–159 Thunder Strobe 160–209 Open 210–255 Random Strobe
8	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
9	Control1	0	0–10 Open 11–20 P/T Black On 21–60 P/T Black Off 61–70 Live 71–80 Studio 81–100 Power 101–110 Dimmer Off 111–150 Dimmer Dim4 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 Zoom Reset 221–255 Reserved
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	255	

Person1

14 channels

Ch	Function	Default	DMX values
1	Pan	128	0–127 Min 128–254 Home 255–255 Max
2	Tilt	128	0–127 Min 128–254 Home 255–255 Max
3	Red	0	
4	Green	255	
5	Blue	255	
6	White	255	
7	Dimmer	0	0–254 Closed 255–255 Open

Person1 (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	0–15 Open (wheel slot 1) 16–25 Light Salmon (wheel slot 2) 26–35 Scarlet (wheel slot 3) 36–45 Flame Red (wheel slot 4) 46–55 Dark Salmon (wheel slot 5) 56–65 Sunset Red (wheel slot 6) 66–75 CID To Tungsten (wheel slot 7) 76–85 Soft Golden Amber (wheel slot 8) 86–95 Urban Sodium (wheel slot 9) 96–105 LEE Yellow (wheel slot 10) 106–115 Ice And A Slice (wheel slot 11) 116–125 Dark Yellow Green (wheel slot 12) 126–135 Turquoise (wheel slot 13) 136–145 Steel Green (wheel slot 14) 146–155 Steel Blue (wheel slot 15) 156–165 Special Steel Blue (wheel slot 16) 166–175 New Colour Blue (wheel slot 17) 176–185 Dark Steel Blue (wheel slot 18) 186–195 Pale Violet (wheel slot 19) 196–205 Pretty'n Pink (wheel slot 20) 206–215 Follies Pink (wheel slot 21) 216–225 Smokey Pink (wheel slot 22) 226–235 Flesh Pink (wheel slot 23) 236–245 Pink (wheel slot 24) 246–255 Cherry Rose (wheel slot 25)
9	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

Person1 (continued)

Ch	Function	Default	DMX values
10	Effect	0	0–9 Open 10–12 FX1 13–15 FX2 16–18 FX3 19–21 FX4 22–24 FX5 25–27 FX6 28–30 FX7 31–33 FX8 34–36 FX9 37–39 FX10 40–42 FX11 43–45 FX12 46–49 FX123 50–53 FX5811 54–57 FX67910412 58–61 FX456 62–65 FX789 66–69 FX101112 70–73 FX4to12 74–77 FX123671012 78–81 FX12346910 82–85 FX12347912 86–89 FX123_Fwd 90–93 FX132_Rev 94–97 FX4to12_Fwd 98–101 FX12to4_Rev 102–105 FX1to12_Fwd 106–109 FX12to1_Rev 110–113 FX123_plus_12to4 114–117 FX132_plus_4to12 118–121 FXPairs_4to12 122–125 FX123_4to12 126–129 FXCustom_167_2910_3124_8115 130–133 InnerRed_Run123_2700K 134–137 InnerOrange_Run123_2700K 138–141 InnerYellow_Run123_2700K 142–145 InnerGreen_Run123_2700K 146–149 InnerCyan_Run123_2700K 150–153 InnerBlue_Run123_2700K 154–157 InnerPurple_Run123_2700K 158–161 InnerRed_Run123_5600K 162–165 InnerOrange_Run123_5600K 166–169 InnerYellow_Run123_5600K 170–173 InnerGreen_Run123_5600K 174–177 InnerCyan_Run123_5600K 178–181 InnerBlue_Run123_5600K 182–185 InnerPurple_Run123_5600K 186–189 OuterRed_Run412_2700K 190–193 OuterOrange_Run412_2700K 194–197 OuterYellow_Run412_2700K 198–201 OuterGreen_Run412_2700K 202–205 OuterCyan_Run412_2700K 206–209 OuterBlue_Run412_2700K 210–213 OuterPurple_Run412_2700K 214–217 OuterRed_Run412_5600K 218–221 OuterOrange_Run412_5600K 222–225 OuterYellow_Run412_5600K 226–229 OuterGreen_Run412_5600K 230–233 OuterCyan_Run412_5600K 234–237 OuterBlue_Run412_5600K 238–241 OuterPurple_Run412_5600K 242–245 Inner132Red_OuterBlue_10000K 246–249 Inner132Green_OuterRed_10000K

Person1 (continued)

Ch	Function	Default	DMX values
11	Effect Speed 2	0	0–254 Slow 255–255 Fast
12	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
13	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
14	Control1	0	0–10 Open 11–20 P/T Black On 21–60 P/T Black Off 61–70 Live 71–80 Studio 81–100 Power 101–110 Dimmer Off 111–150 Dimmer Dim4 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 Zoom Reset 221–255 Reserved

CMY

16 channels

Ch	Function	Default	DMX values
1	Pan	255	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	255	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	
6	Cyan	255	
7	Magenta	255	
8	Yellow	255	
9	Dimmer	0	0–254 Closed 255–255 Open

CMY (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–15 Open (wheel slot 1) 16–25 Light Salmon (wheel slot 2) 26–35 Scarlet (wheel slot 3) 36–45 Flame Red (wheel slot 4) 46–55 Dark Salmon (wheel slot 5) 56–65 Sunset Red (wheel slot 6) 66–75 CID To Tungsten (wheel slot 7) 76–85 Soft Golden Amber (wheel slot 8) 86–95 Urban Sodium (wheel slot 9) 96–105 LEE Yellow (wheel slot 10) 106–115 Ice And A Slice (wheel slot 11) 116–125 Dark Yellow Green (wheel slot 12) 126–135 Turquoise (wheel slot 13) 136–145 Steel Green (wheel slot 14) 146–155 Steel Blue (wheel slot 15) 156–165 Special Steel Blue (wheel slot 16) 166–175 New Colour Blue (wheel slot 17) 176–185 Dark Steel Blue (wheel slot 18) 186–195 Pale Violet (wheel slot 19) 196–205 Pretty'n Pink (wheel slot 20) 206–215 Follies Pink (wheel slot 21) 216–225 Smokey Pink (wheel slot 22) 226–235 Flesh Pink (wheel slot 23) 236–245 Pink (wheel slot 24) 246–255 Cherry Rose (wheel slot 25)
11	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

CMY (continued)

Ch	Function	Default	DMX values
12	Effect	0	0–9 Open 10–12 FX1 13–15 FX2 16–18 FX3 19–21 FX4 22–24 FX5 25–27 FX6 28–30 FX7 31–33 FX8 34–36 FX9 37–39 FX10 40–42 FX11 43–45 FX12 46–49 FX123 50–53 FX5811 54–57 FX67910412 58–61 FX456 62–65 FX789 66–69 FX101112 70–73 FX4to12 74–77 FX123671012 78–81 FX12346910 82–85 FX12347912 86–89 FX123_Fwd 90–93 FX132_Rev 94–97 FX4to12_Fwd 98–101 FX12to4_Rev 102–105 FX1to12_Fwd 106–109 FX12to1_Rev 110–113 FX123_plus_12to4 114–117 FX132_plus_4to12 118–121 FXPairs_4to12 122–125 FX123_4to12 126–129 FXCustom_167_2910_3124_8115 130–133 InnerRed_Run123_2700K 134–137 InnerOrange_Run123_2700K 138–141 InnerYellow_Run123_2700K 142–145 InnerGreen_Run123_2700K 146–149 InnerCyan_Run123_2700K 150–153 InnerBlue_Run123_2700K 154–157 InnerPurple_Run123_2700K 158–161 InnerRed_Run123_5600K 162–165 InnerOrange_Run123_5600K 166–169 InnerYellow_Run123_5600K 170–173 InnerGreen_Run123_5600K 174–177 InnerCyan_Run123_5600K 178–181 InnerBlue_Run123_5600K 182–185 InnerPurple_Run123_5600K 186–189 OuterRed_Run412_2700K 190–193 OuterOrange_Run412_2700K 194–197 OuterYellow_Run412_2700K 198–201 OuterGreen_Run412_2700K 202–205 OuterCyan_Run412_2700K 206–209 OuterBlue_Run412_2700K 210–213 OuterPurple_Run412_2700K 214–217 OuterRed_Run412_5600K 218–221 OuterOrange_Run412_5600K 222–225 OuterYellow_Run412_5600K 226–229 OuterGreen_Run412_5600K 230–233 OuterCyan_Run412_5600K 234–237 OuterBlue_Run412_5600K 238–241 OuterPurple_Run412_5600K 242–245 Inner132Red_OuterBlue_10000K 246–249 Inner132Green_OuterRed_10000K

CMY (continued)

Ch	Function	Default	DMX values
13	Effect Speed 2	0	0–254 Slow 255–255 Fast
14	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
15	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
16	Control1	0	0–10 Open 11–20 P/T Black On 21–60 P/T Black Off 61–70 Live 71–80 Studio 81–100 Power 101–110 Dimmer Off 111–150 Dimmer Dim4 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 Zoom Reset 221–255 Reserved

Person2

22 channels

Ch	Function	Default	DMX values
1	Pan	255	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	255	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	
6	Red	255	
7	Red Fine	255	Fine byte of Red
8	Green	255	
9	Green Fine	255	Fine byte of Green
10	Blue	255	
11	Blue Fine	255	Fine byte of Blue
12	White	255	
13	White Fine	255	Fine byte of White
14	Dimmer	0	0–254 Closed 255–255 Open
15	Dimmer Fine	0	Fine byte of Dimmer

Person2 (continued)

Ch	Function	Default	DMX values
16	Color Macro1	0	0–15 Open (wheel slot 1) 16–25 Light Salmon (wheel slot 2) 26–35 Scarlet (wheel slot 3) 36–45 Flame Red (wheel slot 4) 46–55 Dark Salmon (wheel slot 5) 56–65 Sunset Red (wheel slot 6) 66–75 CID To Tungsten (wheel slot 7) 76–85 Soft Golden Amber (wheel slot 8) 86–95 Urban Sodium (wheel slot 9) 96–105 LEE Yellow (wheel slot 10) 106–115 Ice And A Slice (wheel slot 11) 116–125 Dark Yellow Green (wheel slot 12) 126–135 Turquoise (wheel slot 13) 136–145 Steel Green (wheel slot 14) 146–155 Steel Blue (wheel slot 15) 156–165 Special Steel Blue (wheel slot 16) 166–175 New Colour Blue (wheel slot 17) 176–185 Dark Steel Blue (wheel slot 18) 186–195 Pale Violet (wheel slot 19) 196–205 Pretty'n Pink (wheel slot 20) 206–215 Follies Pink (wheel slot 21) 216–225 Smokey Pink (wheel slot 22) 226–235 Flesh Pink (wheel slot 23) 236–245 Pink (wheel slot 24) 246–255 Cherry Rose (wheel slot 25)
17	C TO	0	0–9 Open 10–24 1800K 25–39 2200K 40–54 2700K 55–69 3000K 70–84 3200K 85–99 4000K 100–114 4500K 115–129 5000K 130–144 5600K 145–159 6000K 160–174 6500K 175–189 7000K 190–204 8000K 205–255 10000K

Person2 (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–9 Open 10–12 FX1 13–15 FX2 16–18 FX3 19–21 FX4 22–24 FX5 25–27 FX6 28–30 FX7 31–33 FX8 34–36 FX9 37–39 FX10 40–42 FX11 43–45 FX12 46–49 FX123 50–53 FX5811 54–57 FX67910412 58–61 FX456 62–65 FX789 66–69 FX101112 70–73 FX4to12 74–77 FX123671012 78–81 FX12346910 82–85 FX12347912 86–89 FX123_Fwd 90–93 FX132_Rev 94–97 FX4to12_Fwd 98–101 FX12to4_Rev 102–105 FX1to12_Fwd 106–109 FX12to1_Rev 110–113 FX123_plus_12to4 114–117 FX132_plus_4to12 118–121 FXPairs_4to12 122–125 FX123_4to12 126–129 FXCustom_167_2910_3124_8115 130–133 InnerRed_Run123_2700K 134–137 InnerOrange_Run123_2700K 138–141 InnerYellow_Run123_2700K 142–145 InnerGreen_Run123_2700K 146–149 InnerCyan_Run123_2700K 150–153 InnerBlue_Run123_2700K 154–157 InnerPurple_Run123_2700K 158–161 InnerRed_Run123_5600K 162–165 InnerOrange_Run123_5600K 166–169 InnerYellow_Run123_5600K 170–173 InnerGreen_Run123_5600K 174–177 InnerCyan_Run123_5600K 178–181 InnerBlue_Run123_5600K 182–185 InnerPurple_Run123_5600K 186–189 OuterRed_Run412_2700K 190–193 OuterOrange_Run412_2700K 194–197 OuterYellow_Run412_2700K 198–201 OuterGreen_Run412_2700K 202–205 OuterCyan_Run412_2700K 206–209 OuterBlue_Run412_2700K 210–213 OuterPurple_Run412_2700K 214–217 OuterRed_Run412_5600K 218–221 OuterOrange_Run412_5600K 222–225 OuterYellow_Run412_5600K 226–229 OuterGreen_Run412_5600K 230–233 OuterCyan_Run412_5600K 234–237 OuterBlue_Run412_5600K 238–241 OuterPurple_Run412_5600K 242–245 Inner132Red_OuterBlue_10000K 246–249 Inner132Green_OuterRed_10000K

Person2 (continued)

Ch	Function	Default	DMX values
19	Effect Speed 2	0	0–254 Slow 255–255 Fast
20	Shutter / Strobe	0	0–9 Open 10–99 Strobe 100–109 Open 110–179 Lightning Strobe 180–189 Open 190–255 Random Strobe
21	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
22	Control1	0	0–10 Open 11–20 P/T Black On 21–60 P/T Black Off 61–70 Live 71–80 Studio 81–100 Power 101–110 Dimmer Off 111–150 Dimmer Dim4 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 All Reset 211–220 Zoom Reset 221–255 Reserved